

Serial No. 10/661,082

REMARKS

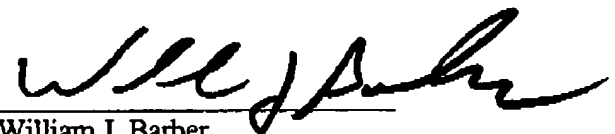
Claims 24-83 remain pending in the patent application.

Claims 34 and 40 are amended to recite that the value of each bit is related to the presence or absence of a corresponding refractive index pitch in said grating.

Reconsideration and early allowance of the claims is earnestly solicited.

If the Examiner has any questions regarding this Amendment, Applicant's counsel can be reached at 203-626-3331 (direct dial) between the hours of 8:00 a.m. and 6:00 p.m. or by E-mail at gdepardo@cyvera.com.

Respectfully submitted,



William J. Barber
Attorney for the Applicant
Registration No. 32,720

/lml
October 12, 2005
WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
Customer No. 004955
Bradford Green, Building Five
755 Main Street, P.O. Box 224
Monroe, CT 06468
(203) 261-1234